

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
NIH168.001C1APPLICATION NO.
10/023,275INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Steinert, et al.FILING DATE
December 13, 2001GROUP
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AUG 20 2002
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>SW</i>	1.	9418945	9/1/94	WO				
<i>SW</i>	2.	9322281	11/11/93	WO				

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>SW</i>	3.	Candi, E., et al. (1998) Transglutaminase 1 Mutations in Lamellar Ichthyosis. J. Biol. Chem. 273(22):13693-13702.
<i>SW</i>	4.	Marekov, L. N. and Steinert, P. M. (1998) Ceramides Are Bound to Structural Proteins of the Human Foreskin Epidermal Cornified Cell Envelope. J. Biol. Chem. 273(28):17763-17770.
<i>SW</i>	5.	Nemes, Z. and Steinert, P. M. (1999) Bricks and mortar of the epidermal barrier. Exp. Mol. Med. 31(1):5-19.
<i>SW</i>	6.	Nemes, Z., et al. (1999) A novel function for transglutaminase 1: Attachment of long-chain ω -hydroxyceramides to involucrin by ester bond formation. PNAS 96:8402-8407.
<i>SW</i>	7.	Nemes, Z., et al. (1999) Involucrin Cross-linking by transglutaminase 1 Binding to Membranes Directs Residue Specificity. J. Biol Chem. 274(16):11013-11021.
<i>SW</i>	8.	Steinert, P. (Presentation April 19, 1999) Enzymatic Attachment of Ceramides to the Cornified Cell Envelope. Gordon Research Conference on the Barrier Function of Mammalian Skin, Il Ciocco, Barga, Italy (April 18-23, 1999).
<i>SW</i>	9.	Steinert, P. M., et al. (1998) Biochemical Evidence That Small Proline-rich Proteins and Trichohyalin Function in Epithelia by Modulation of the Biomechanical Properties of Their Cornified Cell Envelopes. J. Biol. Chem. 273(19):11758-11769.

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EXAMINER

DATE CONSIDERED

27 Feb 02

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